

Nell E. Van Schaack | Junior Software Engineer

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TECHNICAL SKILLS and CERTIFICATIONS

JavaScript ES6+ | HTML5 | CSS3 | React | Bootstrap | MongoDB | GraphQL | SQL | GitHub | Git | Agile Methodology | Node.js | Express | Handlebars | jQuery

ACLS Certified, American Heart Association

BLS – CPR Certified, ACLS Medical Training

NIHSS, Apex Innovations

PROJECTS

Quizzzy (Javascript, React, Node.js, Express.js, MongoDB, Mongoose, Apollo Server & Client, JWT, bcrypt) [Live Site](#) | [GitHub](#)

Interactive MERN stack app for users to test their knowledge by taking a quiz on several different categories.

- Implemented user authentication (JWT) and utilized GraphQL/Apollo for data fetching (CRUD).
- Responsive front-end using React-Bootstrap.
- Used React Router DOM for client-side routing.
- Deployed via Heroku

Happy Tails (Javascript, Express.js, Express Handlebars, Postgres SQL, Node.js, Sequelize, bcrypt, Darkmode-js) [Live Site](#) | [GitHub](#)

Interactive full-stack application that showcases a variety of pets that are up for adoption.

- Collaboratively developed secure RESTful APIs (Node.js, Express.js) with user authentication (sessions, bcrypt) and environment variable protection. Utilized handlebars.js templating.
- Provided concept for application, worked on authentication functionality, overall design, and QA and testing of code.
- Deployed via Render

Meteor Match (Javascript, Bulma, ChatGPT 4 API - PR Labs, Alien Pickup Line API - Evan Bose) [Live Site](#) | [GitHub](#)

A fun interactive front-end dating site that pairs users with a made-up creature from space.

- Collaboratively developed web application (Agile) with server-side APIs, client-side storage, and Bulma framework integration.
- Worked on modal functionality and implemented a server-side API to deliver pick-up lines to the client.
- Deployed via GitHub

PROFESSIONAL EXPERIENCE

Spicewood Surgery Center, Pre-op/ Peri-op/ Post-op Registered Nurse, Austin, TX

August 2023-June 2024

- Perform detailed patient assessment before, during, and after surgery, provide patient and family teaching, communicate, and collaborate with healthcare team members.

St. David's HealthCare, Registered Nurse

July 2021-July 2023

St. David's Medical Center, Austin, TX

- Provided holistic care and patient education on pain management, VTE prophylaxis, wound care, mobility, and infection signs in orthopedic/neurosurgery.
- Collaborated with physicians/surgeons to personalize patient care.
- Managed critical labs (blood transfusions), performed neuro checks (q4h), and monitored patients during high-risk procedures.

Round Rock Medical Center, Austin, TX

- Managed patient care (6:1 ratio) on med/surg & telemetry floors.
- Prepped patients for surgery, coordinated care team communication, monitored EKGs, provided wound care (vacuum & staging), and managed PCA pumps.

Forum Health, Registered Nurse, Austin, TX

May 2023-January 2024

- Provided advanced IV therapies (chelation, blood ozone, ketamine) and monitored patients in an integrative medicine clinic, performing IV insertions, calculating dosages/rates, and ensuring safe infusion delivery.

EDUCATION

Certificate, Full Stack Web Development, University of Texas, Austin, TX

Spring 2024

Bachelor of Science in Nursing (BSN), Georgetown University, Washington, D.C.

August 2017-May 2021

- **Varsity Field Hockey**, Georgetown University, NCAA Division 1
 - Thrived as a Division 1 athlete while maintaining a 3.2 GPA in Nursing, demonstrating exceptional time management, dedication to teamwork, and a strong work ethic.

